

AGRICULTURAL MATTERS.

Various Topics of Timely Interest Originally Treated.

Saving Grains for Seed—Killing Land—Value of Feed Sheds—Orchards in July—The Cow Pea, a Fodder Plant.

Harvest is just at hand, and the time of harvest reminds one of the need of saving seed for the harvest to come. Most farmers clean their seed as well as they can with a common mill, and use seed as soon as it comes from the field. This is the way it is done when somewhat inexpert and experience proves that for a particular purpose it is as well cut that as if allowed to entirely ripen on the stubble. But experience also shows that wheat intended for seed should thoroughly ripen, to set harden before it is cut. The grain will not stand so long as it is left to ripen as much as you will stand need to ripen thoroughly, and not let it go through the heavy sweat that grain sweating inflicts on a mow or a stack. Such a sweating injures the grain, and the power of the grain to make its vigor last stand a poor crop. The grain having its vitality impaired perhaps does not come up at all, and if it does come up, it is in a weak stand and poor growth up.

Grain allowed to stand until fully ripe may shatter badly, which is avoided by cutting a little early but while that does well, it does not let it go through the heavy sweat that grain sweating inflicts on a mow or a stack. Such a sweating injures the grain, and the power of the grain to make its vigor last stand a poor crop.

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An exchange says under this head:

"First—Always save seed from the best part of the field and crop. Second—See that your grain ripens well before you plant it again. Third—Sun and air it while it is curing. Fourth—Thresh and winnow as soon as you can after it is cut. Fifth—Sun it as soon as it is threshed and put it away in boxes and barrels safe from rain or water."

Seed needs perfect development and it may have perfected it is the best assurance of a good crop. There are a few farmers in Oregon who receive unusual price for their grain and they will tell you that the ones that are most successful are seed. Year after year they carefully look over a small quantity of seed wheat, and by excluding all inferior seed they succeed in growing better wheat than their near neighbors do.

ROLLING LAND.

Only a few farmers appreciate the importance of rolling land. The few who practice it, however, find an advantage they are not willing to forego when it is a question of a neighbor's land. A corn planter sown by his neighbor was grown over by rolling land that he had prepared for him. He gave his opinion in favor of using the roller, and others tried it also. The experience of that neighborhood is a united testimony in favor of rolling land. Rolling land that is freshly plowed com- pacts the soil so well that it is hard to roll it dry without easily as land that is loose. Merely to plow and harrow land leaves air chambers in the soil and moisture evaporates from it. Land should be plowed and harrowed, and then rolled, whatever is done with it. That is the best way to prepare land for a summer fall because it retains moisture and does not all dry out and its best enriching qualities evaporate.

If it is intended to run a cultivator over it will be necessary to keep stock there in winter in good order that more attention should be paid to their cultivation than has been given in Oregon. As we come to more thorough systems of farming, it will be necessary before many years to have a good system of rolling on a large scale. Feeding economically is the secret of success in all farming operations whether it be the work ox or plow horse or the fattening steer or dairy herd. The quarry to be found is to study the animal and the sheep or fowl. The man who feeds right will succeed where many another fails of success.

grass, timothy or vetches, by 2 or 3 per cent. The sugar planters of Louisiana buy their seed every year and sow the grass broader between the rows and value the yield as a result. It is cheaper and better than any other manure used.

RAISING TURNIPS.

An expert in growing turnips tells us it is simply a question of faith in manure and good cultivation. Many people say they can't grow them, but he grows them anywhere on the farm. They require a great deal of moisture, and the climate of Oregon differs so from that of New York that it is hardly possible to lay down a rule there to govern the growing of turnips. The growing of turnips is of considerable importance as a source of income. Such an association formed to procure the best seeds to be found in any land must make ample breeding a matter of much greater importance.

This is a subject that Oregon stock men should also take to comprehend and take a hand in. A few good packers brought to Oregon would serve as a commercial agent and if they were expert in turnip culture, a market could be created there which could bring the breeding of mules up to a high standard.

Originally Spain became the great country for mule breeding. Our early presidents had great success in mule breeding, and it is now

possible to buy mules in England and France.

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FEEDING POULTRY.

The fact that chickens can be killed by lightning is known to all. If a hen lays an egg while it is curing. Fourth—Thresh and winnow as soon as you can after it is cut. Fifth—Sun it as soon as it is threshed and put it away in boxes and barrels safe from rain or water."

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EARLY FRUITS.

At the recent meeting of fruit growers attention was called to the fact that while in the early days of Oregon fruit growing there was no trouble or pests now there are difficulties not easily understood. The trouble seems to be in the form of a fungous growth of mildew or blight which has become very malignant in the western fruit-growing regions of the country.

As an instance in point, Mr. Dierdorff has three acres of peach plums at his place six miles east of Milwaukie, and the present season all the fruit has been lost except what was saved by a frost. It is believed that the blight has sprung up in the spring, but it does not appear that this occurred anywhere except around Milwaukie and Portland.

The peach plum is usually a free stone fruit, but it is often a drupe, and some are more or less a cling stone. This occurs

in different parts of the valley, and the reason is not known.

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last night, and the horses up to-morrow morning. Mrs. B. W. Bradley of Portland, mother of Mr. F. C. Croft, has been coming over to see us. Her family is coming over with supplies. Thursday we have the California, known as the owned by Mrs. Rose, Bay, etc.

Mr. W. T. Cookson is drawing his barn, and his son, Thomas, has come near town.

Married at Albany, Robert Putnam and Miss Pauline, daughter of Mrs. Capt. All the young couple have the large circle of friends.

Last week Mr. F. C. Croft's horses had got a strong run into a dangerous condition, but assisted by Mrs. Rose, he was engaged prior to his arrival.

He was engaged prior to his arrival.

The influence of American and foreign grain and American grain, San Francisco, Chicago, New York, the feeling in the local market, but the volume of business is small.

A small will soon come in, and will be it is so much less and saves us.

Quite a little communion was last night by a boy being a student in a drug store.

Mr. Thompson, eldest son of Mr. Thompson, fell and broken his arm.

Dr. Starr took a half hour boy is ready for more care.

LAND RAISED CALVES.

It is not easy to make people believe calves can be raised by hand, but the following is from a man who puts two and two together and fooled in his calculations.

The first calf was small, when it was born on skin-milk, and had it at three weeks for \$16. The next week it was dropped; fed new milk, and then skin-milk with all the rest, though the world beat; sold for \$16. The cost of feeding first was probably the cost of second and had the second cost one-third of the time.

Are unlike other pills. No price.

Liver Pills. One pill a day.

FOR SALE—REAL ESTATE.

TOWNSITE.

S.

There is no suburb of Portland easily, quickly and cheaply reaches Sunnyside in the nearest and sunniest suburb.

Lots are 33x100 feet.

Prices range from \$100 to \$500.

Sunny side lots are no longer.

At present prices even lots.

First selections cannot be bettered.

The steam cars will be running.

Far 5¢ from Morrison street.

Take your lunch and picnic at the beautiful shade trees.

J. FRED CHALK & SONS,

13 Stark st. and at Stark.

WERS.

A few small tracts in the

Fine Suburb on the East

Side, still for sale.

By TELEGRAPH.

Lots of 100x150 feet for \$500.

Lots of 150x150 feet for \$600.

Lots of 100x225 feet for \$600.

One-third cash; balance in good

quarterly payments, to suit pur-

chaser.

MELROSE.

Is situated on the north side of the line road, one and a half miles from Portland, and within an easy distance of the Willamette Bridge railway.

These lots are all cleared and in condition. Over one-half of them are sold.

REMEMBER:

At these prices you are only paid

the rate of \$150 for half-mile

50x100 feet.

ROBERT BELL.

Portland Savings Bank Building

123 Stark Street.

FOR SALE—For the next 30 days

IN

J.

5 Lots on M Street] Between 2nd and 3rd Streets

2 Lots on N Street] Between 2nd and 3rd Streets

3 Lots on M Street] Between 3rd and 4th Streets

2 Lots on N Street] Between 3rd and 4th Streets

4 Lots on K Street] Between 2nd and 3rd Streets

5 Lots on R Street] Between 2nd and 3rd Streets

7 Lots on N Street] Between 2nd and 3rd Streets

7 Lots on N Street] Between 2nd and 3rd Streets

3 Lots on M Street] Between 2nd and 3rd Streets

2 Lots on N Street] Between 2nd and 3rd Streets

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